ABSTRACT OF THE DISCLOSURE

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fluidic ink for forming is process. Disclosed passageways in actuation wafers for novel thermal ink jet The process comprises the steps of applying printheads. a thin coating of a heat-curable, photopatternable epoxy polymer composition to a lower substrate such as a heater wafer, and drying and photopatterning the coating to form a patterned, semi-solid adhesive layer. The layer and supporting substrate are pressed against the surface of a mating ink inlet substrate to bond the layer to the surface of the mating substrate without the need for a The present process simplifies separate bonding layer. and improves the prior known process by replacing the use of a photosensitive resin layer and a separate adhesive bonding layer with a single layer of an epoxy resin composition which is both photosensitive and adhesive, to eliminate the need for applying two separate layers and the concern that said layers have good bonding strength for their wafers and for each other.